

ZAKAR, Pal

On the ten years' work of the Working Committee on Bitumen,  
Mineral Oil Division of the Hungarian Chemical Society. Magyar  
kem lap 18 no.2/3:133-134 F-Mr '63.

ZAKAR, Pal; CSIKOS, Rezso; MOZES, Gyula; KRISTOF, Mihaly

Bitumen blowing in the presence of catalysts. Magy ken lap 18 no.4:  
157-163 Ap '63.

1. Magyar Asványolaj es Foldgaz Kiserleti Intezet.

ZAKAR, Pal, okleveles vegyeszmernok

Some quality questions of bitumens used for road construction.  
Melyepitestud szemle 12 no.8:362-366 Ag '62.

1. Vegyimveket Tervezo Vallalat szakosztalyvezetoje.

ZAKAR, Pal (Budapest V, Kecskemeti u.2); MOZES, Gyula (Veszprem,  
Kiss Lajos lakotelep 8)

Soviet mineral oil bitumen. Acta chimica Hung 31 no.1/3:281-  
290 '62.

1. Ungarisches Erdol und Erdgas Forschungsinstitut, Veszprem.

ROZANOV, B.S., prof.; ZAKARAYA, K.A.

Fat diet in the treatment of pancreatic fistulae and acute  
pancreatitis. Khirurgiya 40 no.4:55-58 Ap '64

(MIRA 18:1)

1. 1-ya kafedra khirurgii Tsentral'nogo instituta usovershen-  
stvovaniya vrachey i khirurgicheskaya klinika (zav. - prof.  
B.S. Rozanov) bol'nitsy imeni S.P. Botkina, Moskva.

VAMOS, Endre, dr. (Budapest VIII, Szentkiralyi u.29); ZAKAR, Pal  
(Budapest V, Kecskemeti u.15); MOZES, Gyula, dr. (Veszprem,  
Kiss Rajos lakotelep 8); KESZTHELYI, Sandor (Veszprem, Jozsef  
Attila u.3)

Preparation of lubricating oils from Romashkino crude oil. Acta  
chimica Hung 31 no.1/3:267-280 '62.

1. Ungarisches Erdol- und Erdgas Forschungsinstitut, Veszprem.

ZAKAR, Pal; MOZES, Gyula; Zekar (Budapest V., Kacskekemeti u.2)  
Mozes (Veszprem, Kiss Lajoslakotelep 8)

The Nagylengyel and the foreign bitumens. Acta chimica Hung 31  
no.1-3:291-300. '62.

1. Ungarisches Erdol und Erdgas Forschungsinstitut, Veszprem.

3/081/62/000/003/061/090  
5149/E101

AUTHORS: Kerényi, Ervin; Zakar, Pál; Mózes, Gyula

TITLE: Chemical composition and properties of Hungarian petroleum and petroleum products

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1962, 482, abstract 3M127 (Magyar ásványolajés földgáz kísérleti. közl., no. 2, 1961, 32 - 49)

TEXT: Data are given of the chemical composition (method n-d-M) and of the main physicochemical and technological properties of crude petroleum from home deposits: Nagylengyel, Lovaszi, Mahot, Kerette, Mezőkeresztes, Buzsak, Szolnok, Deme, and of petroleum from Matzen, Schönkirchen, Bol'chik, Tuymazy, Romashkino, imported into the Hungarian People's Republic, as well as of the products obtained from the above petroleum. Standard methods were generally used for the determination of physicochemical properties. [Abstracter's note: Complete translation.]

Card 1/1



ZAKARIADZE, G.S.

Effect of postmagmatic processes on the content of lithium and  
rubidium in the syenites of the Vakis-Dzhvari Massif. Izv. Geol.  
ob-va Gruz. 2 no.1:67-77 '62. (MIRA 17:3)

L 44804-66 EWP(v)/EWP(k)/EWP(h)/EWP(l) BC

ACC NR: AP6009341 (A) SOURCE CODE: CZ/0078/65/000/011/0011/0011

AUTHOR: Zakarias, Imre (Engineer; Budapest)

ORG: none

TITLE: Adaptive-control circuits for ultrahigh frequencies. CZ Pat.  
No. PV 1386-56, Class, 21a sup 4

SOURCE: Vynalezny, no. 11, 1965, 11

TOPIC TAGS: electronic circuit, electronic amplifier

ABSTRACT: An Author Certificate has been issued for adaptive-control circuits which are designed for amplifying ultrahigh-frequency voltage. The circuits contain several amplifier tubes, each having a control grid, a screen grid, and a suppressor (cathode) grid, and several leak capacitors connected to the screen grids. The stages are coupled by tuned circuits. The low-voltage end of each tuned coil is connected to the cathode supply of the preceding tube by a leak capacitor and screen grid, and to the screen grid of the next amplifier tube as well.

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ACC NR:

AP6009341

In addition, the low-voltage end of each secondary tuned circuit is grounded while the points of the rest of the loops are grounded through decoupling resistors. Thus, one cathode input connection of each amplifier tube has a direct grounding for high frequencies while the other connection of the same cathode is grounded by a decoupling resistor. [KP]

SUB CODE: 09/ SUBM DATE: 19May56/

Card 2/2 blg

SERAFIMOV, S.; KOLEV, N.; ARSOV, A.; ZAKARIAN, A.; IAVASHEV, St.

Textile auxiliary means prepared on the basis of tall oil.  
Khim i industriia 36 no. 2:51-54 '64.

ZAIUMBAYEVA, G.D.; ZAKARINA, N.A.; SOKOL'SKIY, D.V., akademik

Effect of chromium and nickel salts on the sorptive and catalytic properties of palladium black. Dokl. AN SSSR 160 no.4:829-832 E 165.

(MIRA 18:2)

1. Institut khimicheskikh nauk AN KazSSR. 2. AN KazSSR (for Sokol'skiy).

ZAKARINA, N.A.; ZAKUMBAYEVA, G.D.; SOKOL'SKIY, D.V., akademik

Selective hydrogenation of dimethylacetylenylcarbinol on Pd black  
in the presence of cadmium ions. Dokl. AN SSSR 162 no. 4 1965-816  
Je '65. (MIRA 18:5)

1. Institut Khimicheskikh nauk AN KazSSR. 2. AN KazSSR (for  
Sokol'skiy).

ALIMARIN, I.P.; BORZENKOVA, N.P.; ZAKARINA, N.A.

Determination of titanium traces in pure aluminum with  
salicylohydroxamic acid.---Zav.lab. 27 no.8:958-960 '61.

(MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.  
(Titanium--Analysis) (Aluminum--Analysis)  
(Salicylohydroxamic acid)

55110

26382  
S/032/61/027/008/002/020  
B107/B206

AUTHORS: Alimarin, I. P., Borzenkova, N. P., and Zakarina, N. A.  
TITLE: Detection of titanium traces in pure aluminum by means of salicyl hydroxamic acid  
PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 8, 1961, 958 - 960

TEXT: The known methods of detecting titanium traces in metallic aluminum do not permit extraction of the color complexes. Detection with salicyl hydroxamic acid, however, offers some advantages: The titanium complex is stable between pH 5 and 18 N  $H_2SO_4$ ; it dissolves in amyl alcohol, methyl alcohol, ethyl alcohol, acetyl acetone, etc.; sensitivity amounts to  $10^{-5}$  mg of Ti/ml (Ref. 5, see below); the reaction is selective, only  $F^{III}$  interferes; the synthesis of the reagent is simple (P. Rogan, V. Marecek. Chem. Listy, 45, 461 (1951)). The method elaborated by the authors uses extraction with acetyl acetone and measurement of the absorption maximum at 375 m $\mu$ . The molar extinction coefficient is here

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Detection of titanium traces...

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S/032/61/027/008/002/020  
B107/B206

4860. At this wavelength, the coextracted salicyl hydroxamic acid absorbs to a certain degree, but this absorption remains constant when maintaining the working instructions. The Lambert-Beer law holds for concentrations between 0.01 and 1.5  $\mu\text{g/ml}$ . The C $\Phi$ -4(SP-4) spectrophotometer serves for measuring; vessels with a liquid layer 1 cm thick are used.  $5 \cdot 10^{-3}$  to  $2 \cdot 10^{-4}\%$  of Ti may thus be determined with an accuracy of 5 - 15%. With specially purified reagents and a special quartz vessel with a layer 5 cm thick,  $2 \cdot 10^{-5}\%$  of Ti may still be determined with an accuracy of 10 - 20%. There are 1 figure, 2 tables, 7 references: 5 Soviet-bloc and 2 non-Soviet-bloc. The two references to English-language publications read as follows: Ref. 5: J. Xavier, A. K. Chakrabortti, P. Ray. Sci. and Culture, 3, 146, 20 (1954); Ref. 7: A. E. Harvey, D. L. Manning, J. Amer.Chem. Soc., 72, 4488 (1950).

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova  
(Moscow State University imeni M. V. Lomonosov)

Card 2/2

11923-66 EMT(d)/EMT(l)/EMT(m)/ETC(F)/EFF(n)-2/ENG(m)/EWA(d)/EMP(t)/EMP(k)/EMP(h)  
 ACC NR: AT5028696 JP(c) SOURCE CODE: UR/2910/54/004/004/0529/0536  
 RDW/JD/WM/GG  
 AUTHOR: Babonas, G. A. Zakarka, A. B.; Girchens, V. L. (Girciene, V.);  
 Kavalyauskas, Yu. F. (Kavaliauskas, J.); Shileyka, A. Yu. (Sileika, A.)  
 ORG: Institute of Physics and Mathematics, Academy of Sciences Lithu-  
 anian SSR  
 TITLE: Effect of temperature and pressure on the fundamental absorption  
 edge of cadmium telluride  
 SOURCE: AN LitSSR. Litovskiy fizicheskii sbornik, v. 4, no. 4, 1964,  
 529-536  
 TOPIC TAGS: cadmium telluride, absorption edge, forbidden zone width  
 ABSTRACT: The effect of hydrostatic pressure up to 2400 kg/cm<sup>2</sup> on the  
 absorption spectrum of CdTe crystals was first studied at room tempera-  
 ture. The coefficient of variation of the forbidden gap width with  
 pressure ( $\partial E_g / \partial P$ ) was found to be  $8.0 \pm 0.4 \times 10^{-6}$  eV cm<sup>2</sup>/kg. It was de-  
 termined from the rate of shift of the fundamental spectral absorption  
 edge toward shorter wavelength with increasing pressure. According to  
 temperature studies conducted in the 120-480°K range, the forbidden  
 gap width of cadmium telluride  $E_g = (1.59 - 4.6 \times 10^{-6} T)$  eV. Comparison  
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L-11923-66

ACC NR: AT5028695

of experimental results with theoretical results shows that in CdTe the variation of forbidden gap width with temperature is chiefly due to a variation in the interaction of electrons with optical phonons, whereas the effect of thermal expansion of the crystal is nearly one order of magnitude smaller. The authors are grateful to V. B. Iokhtis who kindly supplied the CdTe crystals for optical measurements. (orig. art. has 7 figures, 6 formulas.

SUB CODE: 20/ SUBM DATE: 18Jan64/ ORIG REF: 004/ OTH REF: 017

Cord 2/2

AFANAS'YEVA, A.P.; ZAKARYAN, L.M.; CHUCHKALOVA, N.N.; GORODINSKAYA, A.L.;  
SHTeyNLEKHNER, N.P.

Etiological structure of intestinal infections in small children.  
Pediatria 42 no.5:57-63 My'63 (MHA 16:11)

1. Iz kafedry mikrobiologii (zav. - prof. A.P.Afanasyeva) Ryazanskogo meditsinskogo instituta, Pervoy gorodskoy bol'nitsy (glavnyy vrach - sasluzhennyy vrach RSFSR N.N.Pavlova) i laboratorii oblastnoy sanitarno-epidemiologicheskoy stantsii (zav. G.V. Dorozhkin).

\*

GUBERNATOROVA, V.D.; IGNATOVSKAYA, L.I.; ZAKARIAN, L.N.; STETSEIKO, I.A.  
(Ryazan')

Diagnostic importance of the antihyaluronidase titer in  
rheumatic fever. Nauch. trudy Riaz. med. inst. 14:222-227 '63.  
(MIRA 17:5)

ZAKARYAN, M.R., insh.; GASANOV, I.M., insh.; PAPIYAN, R.F., agronom

Testing SNU-48 mounted narrow-row grain drills. Trakt. i sel'-  
khoz mash. 31 no.1:28 Ja '61. (MIRA 14:1)

1. Zakavkazskaya Gosudarstvennaya mashinostpytatel'naya stantsiya.  
(Drill (Agricultural machinery))

PANOSYAN, A.K.; ARTYUNYAN, R.Sh.; AVETISYAN, N.A.; ZAKARYAN, S.V.;  
NIKOGOSYAN, V.G.

Joint effect of nitrogen-fixing and activator bacteria on sugar  
beet crops. Dokl. AN Arm. SSR 35 no.3:141-144 '62. (MIRA 16:6)

1. Institut mikrobiologii Akademii nauk Armyanskoy SSR.
2. Chlen-korrespondent AN Armyanskoy SSR (for Panosyan).  
(Microorganisms, Nitrogen-fixing)

ALLAKHVERDIYEV, T.B.; ZAKARYAN, M.R.; ORLOV, I.S.; TAGIYEV, T.S.

The SSK machines for removing the floss and sorting the silkworm cocoons. Trakt. 1 sel'khozmasb. no.2:37-38 F '65.

(MIRA 18:4)

1. Zakavkazskaya mashinostpytatel'naya stantsiya.



ZAKHARASHVICH, Inna Aleksandrovna; BELYAYEV, M.V., dotsent, retsenzent;  
GORDON, M.M., inzh., retsenzent; SHAVEL'ZON, M.V., inzh.,  
retsenzent; YERMAKOV, N.P., tekhn.red.

[Design and adjustment of automatic regulators of thermal  
processes] Proektirovanie i nastroyka avtoregulyatorov teplo-  
vykh protsessov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.  
lit-ry, 1960. 259 p. (MIRA 14:2)  
(Electronic control) (Heat engineering)

ZAKARAYA, P.P.

Some structures used for dwellings and defense in the 17th  
and 18th centuries. Soob. AN Gruz. SSR 23 no. 3: 169-175  
S '59. (MIRA 13:3)

1. AN Gruz. SSR, Gosudarstvennyy muzey Gruzii im. akad. S.M.  
Dzhughashvili, Tbilisi, Predstavleno akademikom G.M. Chubinash-  
vili.

(Georgia--Dwellings) (Georgia--Fortifications)

ZAKARIADZE, Afanasiy Georgiyevich; KACHIBAYA, Irakliy Dmitriyevich;  
FREIDMAN, S.M., red.; GOREVICH, M.M., tekhn. red.; TIUKHINA,  
O.N., tekhn. red.

[Two crops a year, what a wonderful achievement!] Dva urozhaia v  
god - eto zamechatel'no! Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov  
i plakatov, 1961. 54 p. (MIRA 14:11)  
(Georgia--Agriculture)

ZAKARIADZE, G.S.

Behavior of lithium and rubidium in the contact process (simplified  
in the Vakis-Dzhvari intrusion, Georgian S.S.R.) Geokhimiya no.7:  
584-595 '61. (MIRA 14:6)

1. V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry,  
Academy of Sciences U.S.S.R. Moscow.  
(Makharadze District—Metamorphism (Geology)) (Lithium)  
(Rubidium)

ZAKARIADZE, T. V.

"The Problem of the Streptomycin Resistance of Tubercular Myco-  
Bacteria and Its Clinical Importance." Cand Med Sci, Tbilisi State  
Medical Inst, Tbilisi, 1955. (KL, No 13, Mar 55)

SO: Sum No 670, 29 Sep 55--Survey of Scientific and Technical  
Dissertations Defended at USSR Higher Educational Institutions (15)

ZAKARIADZE, T.V.

USSR/Microbiology - Medical and Veterinary.

P-4

Abs Jour : Ref Zhur - Biologiya, No 7, 1957, 25442

Author : Zakariadze, T.V.

Inst : Republican Scientific Research Institute of Tuberculosis  
of the Georgian SSR.

Title : The Problem of the Virulence of Streptomycin-Resistant  
Strains of Tuberculosis Mycobacteria.

Orig Pub : Tr. Resp. n.-1 in-ta tuberkuleza GruzSSR, 1956, 7, 169

Abst : Guinea pigs were used to test a strain of TB bacteria  
whose resistance equalled 100 units of streptomycin  
per ml. The virulence of TB bacteria resistant to 10,  
25 and 100 units of streptomycin per ml was studied in  
mice. The degree of virulence of the strain was deter-  
mined from the duration of survival and macroscopic  
changes in the lungs, liver and pancreas. Tests showed  
that virulence increased as resistance to streptomycin  
increased in TB bacteria.

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GABUNIYA, T.M. (g.Sukhumi), ZAKARIADZE, V.K. (g.Sukhumi)

Improving the industrial work organization in the electric locomotive shop. Zhel.dor.transp. 42 no.12:64-66 D '60. (MIRA 13:12)  
(Electric locomotives--Maintenance and repair)

ZAKARIADZE, T.V.

Cytochemistry of drug-resistant strains of mycobacterium tuberculosis. Trudy Tbil. GIDUV 6:333-337 '62.

(MIRA 16:2)

(MYCOBACTERIUM TUBERCULOSIS)  
(BACTERIA, EFFECT OF DRUGS ON)



ZAKARIAS, E.

How we should check the use of subsidiary materials in the Hungarian Cotton Weaving Factory, p. 260, MAGYAR TEXTILTECHNIKA (Textilipairi Muszaki es Tudomanyose Egyesulet) Budapest, No. 7, July 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956.

ZAKARIAS, Gabor

Automated soldering of printed electric circuits. Finommechanika  
1 no.11:334-338 N '62.

1. Beloiannisiz Hiradastechnikai Gyar.

ZAKARIAS, Gabor

Automated assembly of printed electric circuits. *Filmomechanika*  
1 no.9:262-269 S '62.

1. Beloiannisz Híradastechnikai Gyar.

ZAKARIAS, Gabor

Application of printed circuits in various constructions.  
Hir techn 11 no.6:230-235 D '60.

1. Baloiannisz Híradastechnikai Gyar.

ZAKARIAS, Gabor

Automatic soldering of printed circuits; excerpts from an article.  
Musz elet 18 no.1:15 3 Ja '63.

9,2190 (1164, 1154)

85007

H/009/60/000/006/002/002

A231/A026

AUTHOR: Zakariás, Gábor

TITLE: Practical Application of Printed Circuits

PERIODICAL: Magyar Híradástechnika, 1960, No. 6, pp. 230 - 235

TEXT: The article deals with the practical application of printed circuits and the related problems. Printed circuits guarantee in the construction of electronic devices: complete automation, maximum electric stability, increased mechanical durability, and transistorization as well as miniaturization. The basic procedures regarding the production of base plates are described in the KMSz 666,545 specifications. The wiring-capacity values of differently shaped and fastened conductors are shown in Figures 1a, b, c and d. Printed circuits can be manufactured by foil etching, electroplating, ceramic process, and stamping or spraying methods. Every new technical process requires the best design development. In spite of the fact that one generally talks about printed circuits, the greatest part of the printing technique at present consists only of printed wirings. According to KMSz 630,511, only that printed wiring can be considered a printed circuit which consists, besides the main printed conductors, also of one or more printed component

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Practical Application of Printed Circuits

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parts, i.e. resistances, condensers, etc. The pattern of the printed circuit has to be designed very carefully, because later changes are very expensive. One should start with the proper distribution of the heat-sensitive parts and then determine the most advantageous ways of the critical conductors. Coupling and measuring points should be located toward the edges of base plates. According to specifications, the thickness of the copper foil is 35 to 70  $\mu$ . The thickness of conductors in function of the current-loading capacity is compiled in Figure 2. The 2.5 mm division of the basic grid should consistently be observed. The general descriptions of printed wirings and circuits are included in KGM Sz 630,511. The greatest part of electric component parts, including transistors, can be made today by printing, although their practical application is not yet general. Resistances, coils and condensers can be made by printing methods. Resistances are printed by silk screening or selective etching on carbon or metal-alloy bases. The admitted allowances are compiled in Table 1. The temperature dependence is shown in Figure 3. Printed coils are preferably made by foil etching. The dependence between the calculated and measured values are shown in Figure 5. Printed conductors can be one or two-sided. To increase the capacity of one-sided condensers, their electrodes can be comb-like coupled together (Fig. 6). The capacity of two-sided condensers is greater. The capacity can also be increased by reducing the thickness

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Practical Application of Printed Circuits

of the base plate. Printed circuits can be used in the production of component parts or even complete devices, i.e. micromodules (Fig. 9), which consist of wafer-shaped microelements, 10 mm<sup>2</sup> in size, each. At present, a dozen of microelements with different printed component parts are manufactured. Other types are being developed. With regard to the economic aspects, the KGM Ipargazdasági és Ipartervezési Intézet (KGM Institute of Industrial Economy and Organization) has compared two radios, the one made with printed component parts, the other one with conventional parts, establishing a considerable saving in case of printed parts. There are 9 figures and 7 references: 3 English, 3 German, and 1 Soviet.

ASSOCIATION: Beloiannisz Híradástechnikai Gyár (Beloiannisz Telecommunication Plant)

Card 3/8



ZAKARIAS, I. 1951

(Pathophysiol. Inst. U. of Budapest)

Method for Determination of the Length of Isometric and Isotonic Contraction of the Ventricle.

Z. Kreisforsch. 1951 40/19-20(585-592)  
Abst: Exc. Med. 11, Vol. 5, No. 7, p. 811

ZAVARIAS, I.

ZAVARIAS, I. Special amplifying tubes-used in television sets; also, remark by  
M. Szekely. p. 127.

Vol. 16, No. 1, 1955.

FOZLEMANYEI

TECHNOLOGY

Budepest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

ROSA, László, dr.; TAKO, József, dr.; ZAKARIAS, Imre.

Q-T interval and heart sound microphone in simultaneous determination of the duration of systole. Orv. hetil. 96 no.7:195 13 Feb 55.

1. A tatabányai Magyar Kórház (igazgató-főorvos: Kádár József dr.) és a Mephadsereg Egészségügyi Szolgálatának közleménye.

(ELECTROCARDIOGRAPHY,

Q-t interval, determ. of duration of systole, with phonocardiography)

(CARDIAC MURMURS AND SOUNDS,

phonocardiography of duration of systole, with ECG)

ZAKARIAS, L.; LUPSE, T.; ATANASIU, A.

Contributions to the problem of improving the system of maintenance of gravel roads. p. 387.

REVISTA TRANSPORTURILOR. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene)  
Iucuresti, Romania, Vol. 6, no. 9, Sept 1959

Monthly List of East European Accessions (EEAI) IC Vol. 9, no. 2, Jan 1960  
Uncl.

ZAKARIAS, Z.; BAN, I.

Long belt conveyers. p. 154.  
( JARMUVEK MEZOGAZDASAGI GEPEK. Vol. 2, no. 5, May 1955. Budapest.)

SO: Monthly List of East European Accession. (EPAL). Lc. Vol 4 No. 11 Nov. 1955 Incl.

ZAKARIAS, Z.

Classification of continuous conveyers. p. 17. GEP. (Gepipar: Tudományos  
Egyesület) Budapest. Vol. 8, no. 1, Jan. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, no. 6, June 1956

ZAKARIAS, Z.

Aims, importance, fields of use, and methods of magnetic selection  
of iron, p. 289, GEP (Gepipari Tudományos Egyesület) Budapest.  
Vol. 8, No. 8, Aug. 1956.

Source: EEAL LC Vol. 5, No. 11, Nov. 1956

ZAKARIAS, Zoltan

Belt conveyers. Must elst 19 no. 10:9 11 My '64.



ZAKARIAS

ROMANIA/Human and Animal Morphology. Pathological Anatomy.

Abs Jour: Ref Zhur-Biol., No 15, 1958, 69683.

Author : Zakarias, Zoltan.

Inst : Cluj Branch of the Rumanian AS.

Title : State of the Reticulin of Certain Internal Organs  
in Experimental Changes of Reaction of the Internal  
Milieu.

Orig Pub: Studii si cercetari stiint. Acad. RPR Fil. Cluj,  
1955, Ser. 2, Vol. 6, No 1-2, 145-157.

Abstract: With changes in the physical and chemical composition of the internal environment ensuing upon castration, bilateral adrenalectomy, and ligation of both ureters in rats, there are changes in the reticular stroma of parenchymatous organs (kidney, liver, pancreas). In the instance of removal of the adrenals,

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RUMANIA/Human and Animal Morphology. Pathological Anatomy.

8

Abs Jour: Ref Zhur-Diol., No 15, 1958, 69683.

there is, within four days, a thinning of the reticulin fibers (RF) in the pancreas. Within 48 hours after ligation of both ureters, the RF around the renal tubules are noticeably thinned. In foci of degeneration in the liver, the number of RF is reduced, and the remaining RF are of non-uniform thickness and are fragmented in some places. Hence, RF are very sensitive to the physico-chemical composition of the internal environment and easily undergo degenerative changes. -- E.N. Popova.

Card : 2/2

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MAROSH, Tibor [Maros, Tibor]; NEBEL', Laslo [Nebely, Laszlo];  
ZAKARIASH, Zoltan [Zakarias, Zoltan]; MESAROSH, Ishtvan  
[Messaros, Istvan]

Plastic substitution of ureters with a fallopian tube. Eksper.  
khir. i anest. 7 no.4:41-44 JI-Ag '62. (MIRA 17:5)

1. Iz kafedry anatomii i operativnoy khirurgii (zav. - dotsent  
Tibor Marosh [Tibor Maros]) Meditsinskogo instituta goroda  
Tyrgu-Muresh, Rumyniya.

KARANT, A.

Mathematical Reviews  
Vol. 15 No. 4  
Apr. 1954  
Analysis

8-24-54  
LL

Karant, A. On a method of successive approximations for the construction of an analytic function which maps the unit circle  $|z| < 1$  conformally on a simply connected region. *Dokl. Akad. Nauk SSSR* 1951, no. 62, Ser. Mat. Nauk, 144-146 (1951). (Russian)

A method of successive approximations is used to construct an analytic function which maps the unit circle  $|z| < 1$  conformally on a simply connected region. The successive approximations are based on the integral representation of the sum of a conjugate trigonometric series. The author's method is compared, in some special cases, with that of L. V. Kan [Conformal mapping of simply and multiply connected regions, GNTI, Leningrad-Moscow, 1937, pp. 6-17].

W. S. Reid

ZAKARIĖ, Asker Zakar'ievich; MALIKOVA, L.A., red.; DORODNOVA, L.A.,  
tekh. red.

[The Kazakh S.S.R.; story about the seven-year plan] Ka-  
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(HEMOLYSIS,)

NESMEYANOV, A.N.; FREYDLINA, R.Kh.; ZAKARKIN, L.I.; BILYAVSKIY, A.B.

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1. Institut elementoorganicheskikh soedineniy Akademii nauk  
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ZAKARINA, N.A.; ZAKUMBAYEVA, G.D.; SOKOL'SKIY, D.V., akademik

Effect of zinc ions on the sorption of hydrogen and the  
catalytic activity of palladium. Dokl. AN SSSR 153 no.1:  
133-135 N '63. (MIRA 17:1)

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Effect of cadmium ions on the adsorption of hydrogen on a palladium  
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ZAKARYAN, A.V.

Measures for eradicating smallpox in Iraq. Zhur. mikrobiol.,  
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1. Iz Sanitarno-epidemiologicheskogo upravleniya Ministerstva  
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Ryazanskogo meditsinskogo instituta imeni akademika Pavlova.

ZAKARYAN, L.M.

Possible use of dry serum in establishing the reaction to streptococcal antihyaluronidase in rheumatism. Lab. dele 8 no.3:36-38 Mr '62.  
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1. Kafedra mikrobiologii (zav. - prof. A.P.Afanas'yeva) Ryazanskogo  
meditsinskogo instituta imeni akademika Pavlova.  
(HYALURONIDASE) (RHEUMATIC FEVER)  
(SERUM DIAGNOSIS) (STREPTOCOCCUS)

ZAKARYAN, L.M.

Biological properties of staphylococci isolated in intestinal  
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1. Ryazanskiy meditsinskiy institut imeni akademika Pavlova.

ZAKARYAN, M.R., inzh.

Effect of the microcontour of hilly sections on the transverse  
stability of self-propelled machines. Mekh.i elek.sots.sel'khoz.  
20 no.4:53 '62. (MIRA 15:8)

1. Zakavkazskaya mashinopispytatel'naya stantsiya.  
(Agricultural machinery)

GUSEYNOV, N.M., doktor tekhn.nauk, prof.; ZAKARYAN, M.R., kand.tekhn.nauk

Problems in the mechanization of agriculture in mountain areas.  
Trakt. i sel'khoz mash. 33 no.2:28-29 F '63. (MIRA 16:3)  
(Agricultural machinery)



ZAKARYAN, M. R., Cand of Tech Sci -- (diss) "Investigation of the Work  
of Self-propelled Combines in Hilly Areas," Kirovobad, 1959, 17 pp.  
Sciences  
(All-Union Academy of Agricultural ~~Sciences~~ im Lenin; All-Union Scientific  
Research Institute of the Electrification of Agriculture)  
(KL, 1-60, 122)

I

**AKARYAN, N. Ye.**

USSR / Plant Physiology. Respiration and Metabolism.

Abs Jour : Ref Zhur - Biol., No 3, 1958, No 34241

Authors : Kazaryan, V. O.; Zakaryan, N. Ye.; Balagazyen, H. V.

Inst : Academy of Sciences of the Armenian SSR

Title : On the Rhythmic Change of Direction in the Movement of Plastic Substances in Cut Stems of Plants.

Orig Pub : Izv. AN Arm SSR, Biol. i s.-kh.n., 1956, 9 No. 10, 3-13

Abstract : Various forms of sugar were ascertained in the upper and lower cuttings of the Canadian golden rod immediately after cutting and also after 8, 24, and 72 hours (kept in a damp chamber); it was shown that during 72 hours, a fourfold change in the direction of the movement of carbohydrates in the stem of the flowering plant was occurring. During the phase of strong vegetation growth - and likewise in the phase of seed ripening - the general direction of the substance movement was firmly ascending. The defining of

Card 1/2

USSR / Plant Physiology. Respiration and Metabolism.

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34241

I

radioactivity in different sections of the heavy-yielding rye-grass - after its morphologically lower end has been immersed for 30 minutes in a solution of radio-active glycocoll - allowed the establishment of a threefold change in direction of its movement in the stem over a period of 90 hours. In preventing the passage of O<sub>2</sub> to the phloem - by means of covering one end of the stem with paraffin - the phloem cells of a given area lost their ability to absorb glycocoll. The experiment was carried out in the Botanical Institute of the Academy of Sciences of the Armenian SSR.

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KAZARYAN, V.O.; ZAKARYAN, H.Ye.

Modification of the type of photoperiodic reaction in *Androsace*  
*marina* L. depending on the water supply. Dokl. AN SSSR 95 no.3:  
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1. Institut botaniki Akademii nauk Arm. SSR. Predstavleno akade-  
mikom A.L.Kursanovym. (Priuroses)

KAZARYAN, V.O.; ZAKARYAN, N.Ye.; BALACHEZIAN, N.V.;

Rhythmical change of direction in the movement of plastic matter  
in cut plant stems. Izv.AN ARM.SSR. biol.i sel'khoz.nauki 9 no.10:  
3-13 0 '56. (MLJA 9:12)

1. Botanicheskiy institut Akademii nauk Armyanskoy SSR.  
(Plants, Motion of fluids in)

AVAKYAN, S.N.; ZAKARYAN, R.A.

Complex compounds of nickel and cobalt with 1-dimethylamino-5-methyl-2-hexyn-5-ol. Zhur.ob.khim. 33 no.10:3364-3366 0 '63.  
(MIRA 1.6:11)

1. Yerevanskiy gosudarstvennyy universitet.

SARKISIAN, M.A.; ZAKARYAN, R.A.

Removing trivalent chromium from industrial waste waters with  
some Armenian clays. Izv.AN Arm.SSR.Ser.tekh.nauk. 12 no.1:  
59-62 '59. (MIRA 12:4)

1. Yerevanskiy gosudarstvennyy universitet.  
(Armenia--Clay) (Chromium)

ISABAYEV, K.; ZAKAR'YANOV, K.; NURMAQAMBETOV, Kh.N., kandi. tekhn. nauk, dotsent

Hydrochemical extraction of alumina from clay. Stor. nauch. trud.  
Kaz GMI no.19:93-97 '60. (MIRA 15:3)  
(Clay) (Alumina)



MAROS, T.; NEBEL, L.; ZAKARYAS, Z.; MESAROS, I.

Plastic replacement of the ureter with a fallopian tube;  
experimental investigation. Urologia 25 no.2:7-11 1960 (MIRA 13:12)  
'60. (URETERS—SURGERY) (FALLOPIAN TUBES—TRANSPLANTATION)

SHAMOV, A.A., inzh.; ZAKARZHEVSKIY, V.P., inzh.

Mechanization of the preparation of metal supports. Gor. shir. no. 5;  
73-74 My '60. (MIRA 14:3)

1. Trést Nikopol'-Manganets.  
(Min timbering)

KOSTRIKOV, V.S., kand.med.nauk; ZAKASHANSKIY, I.G.; POKARSKIY, D.Ye.

Late results in the treatment of Achilles tendon injuries.  
Vest.khir. no.6:84-90 '61.

(MIRA 15:1)

1. Iz travmatologicheskogo otdeleniya (zav. - V.S. Kostrikov)  
i 2-y khirurgicheskoy kliniki (zav. - prof. M.M. Lyakhovitskiy)  
Ukrainskogo instituta usovershenstvovaniya vrachey na baze  
32-y klinicheskoy bol'nitsy mediko-sanitarnoy chasti (nuch. -  
kand.med.nauk I.S. Yefimov) Khar'kovskogo trektornogo zavoda.  
(TENDON OF ACHILLES—WOUNDS AND INJURIES)

ZAKASHANSKIY, M.S.  
3(5,6)

PHASE I BOOK EXPLOITATION

SOV/2899

Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki

Prikladnaya geofizika; sbornik statey, vyp. 23 (Applied Geophysics; Collection of Articles, No.23) Moscow, Gostoptekhizdat, 1959.  
242 p. 3,500 copies printed.

Ed.: M.K. Polshkov; Exec. Ed.: N.N. Kuz'mina; Tech. Ed.: A. S. Polosina.

**PURPOSE:** This book is intended for scientific, engineering, and technical personnel of industrial geophysical exploration services.

**COVERAGE:** This is a collection of 14 articles by various authors on aspects of geophysical exploration. The material treated in the articles may be divided into four categories: the physical properties of rocks in specific geological regions, methods and techniques used in industrial geophysical exploration, concepts in the theory of electrical exploration, and the economics involved in

Card 1/4

Applied Geophysics; Collection of Articles (Cont.) SOV/2899

geophysical operations. Specifically, the authors discuss the geologic structures of the central parts of the Russian Platform, southwestern Turkmenia, the West Siberian Plains, the eastern part of the Siberian Platform, and the Minusinsk basins; electrical frequency sounding, neutron logging, gamma spectrometry techniques, and the standard equipment and installations of the geophysical services of the petroleum industry in the USSR. References accompany each article.

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Abb, E.A., V.M. Zaporozhets, R.I. Plotnikov, and L.A. Khutsishvili. Some Problems in the Design of a Borehole Neutron Generator 226

Kozlov, P.T. Basic Assets of the Geophysical Services in the Petroleum Industry of the USSR 234

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Card 4/4

MM/bg  
12-21-59

ZAKASHANSKIY, M. S., SAMSON, N. N., FOTIADI, E. E., ANDREYEV, B. A.

(Course in Gravity Prospecting). Gesssolizdet (1941)



1. ZAKASHANSKIY, M.S.
2. USSR (600)
4. Geology, Structural - Tashkent District
7. Geophysical exploration in the vicinity of the Tashkent District during 1942. (Abstract) Izv. Glav. upr. geol. fon. no.3, 1947
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**ZAKASHANSKIY, M.S.**

**Rock density of middle Devonian strata in White Russia. Prikl.  
geofiz. no.16:210-212 '57. (MLRA 10:8)  
(White Russia--Geology, Stratigraphic)**

ZAKASHANSKIY, M.S.

Density of Mesozoic deposits in the West Siberian Lowland.  
Prikl. geofiz. no.23:101-111 '59. (MIRA 13:1)  
(Siberia, Western--Rocks--Density)

ZAKASHANSKIY, M.S.

Oil prospecting in Kaliningrad Province. Geol.nefti i gaza 7  
no.2:42-44 F '63. (MIRA 16:2)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologicheskoy  
vedochnyy institut.  
(Kaliningrad Province—Geology, Structural)  
(Kaliningrad Province—Prospecting)

ZAKASHANSKIY, N.M.

28-5-18/30

AUTHOR: Shishkin, S.M., and Zakashanskiy, N.M., Engineers  
TITLE: Marking of Metals with Paint (Markirovka metallo<sup>v</sup> kraskami)  
PERIODICAL: Standartizatsiya, 1957, # 5, p 73-74 (USSR)

ABSTRACT: The authors of the two letters published under this title suggest different general marking systems for metals at industrial plant storeyards and workshops. There is no such system in the Soviet standards for metals. There are some regulations but they concern only a few single metal grades. For instance, alloyed tool steel and deformed aluminum alloy marking is not regulated. Many industrial plants have their own different marking systems. The marking system suggested in the first letter (Engineer Shishkin) is criticized in the second letter (Engineer Zakashanskiy).  
There are 2 tables.

AVAILABLE: Library of Congress

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BAYULA, A.G.; CHUPAKHIN, N.I.; ZAKASOVSKAYA, M.V.; YAPOSHEVSKAYA, N.F.

Concentration of poor carbonate-phosphate ores of the Tigrovaya  
Pad' deposit. Soob. DVFAN SSSR no.17:27-31 '63. (MIRA 17:9)

1. Dal'nevostochnyy filial im. V.L. Komarova Sibirskogo otdeleniya  
AN SSSR.

LUK'YANOVA-SHEKHORINA, A.P.; ZAKASOVSKAYA, M.Y.

Occurrence of bauxite rocks in the Far East. Soob. DVAI SSSR no.10:  
129-133 '59. (MIRA 13:11)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya  
AN SSSR.

(Chernigovka District--Bauxite)

ZAKASZCZESKI, C.

Industrial sewage and water management in Poland. p.4.  
GOSPODARKA WODNA (Naczelna Organizacja Techniczna) Warszawa  
Vol. 16, no. 1, Jan. 1956

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Vol. 5, No. 9

September 1956



ZAKATALOV, A., inzh. (Volgograd); KRUSHNOV, D., tokar'; FROLOVA, M., inzh.  
po tekhnike bezopasnosti; LEBEDEV, N., mashinist; GAYNA, A.;  
GUSEV, M.

Editor's mail. Okhr.truda i sots.strakh. 5 no.11:16,23 N '62.  
(MIRA 15:12)

1. Upravleniye stroitel'stva Volgogradskogo soveta narodnogo  
khozyaystva (for Zakatalov). 2. Predsedatel' komissii okhrany  
trudy Nikopol'skogo Yuzhno-trubnogo zavoda (for Krushnov).  
3. Nachal'nik planovogo otdela Gorbunovskoy fabriki, g. Khot'kovo,  
Moskovskoy obl. (for Frolova). 4. Energotsekh Voronezhskogo  
shinnogo zavoda (for Lebedev). 5. Predsedatel' oblastnogo  
komiteta professional'nogo soyuza rabochikh stroitel'stva i  
promyshlennosti stroymaterialov g. Kiyev (for Gayna). 6. Sek-  
retar' Yaroslavskogo oblastnogo komiteta professional'nogo  
soyuza rabochikh elektrostantsiy i elektropromyshlennosti (for  
Gusev).

(Industrial hygiene)

ZAKATALOV, Ye.V., inzh.

Protective afforestation of narrow gauge railroads. Turf.  
prom. 37 no. 3:11-13 '60. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo  
transporta Ministerstva putey soobshcheniya.  
(Peat—Transportation) (Afforestation)

ZAKATALOV, Ye.V., inzh.

Snow control on the tracks of industrial railroads. Put' i put.  
khor. 4 no.2:8-10 F '60. (MIRA 13:5)  
(Railroads--Snow protection and removal.)

ZAKATALOV, Ye.Y., inzh.; BELYKH, K.D., inzh.; ZVUKOV, N.M., inzh.;  
SKVORTSOV, O.S., inzh.; NETUSOV, V.P., inzh.; AL'BREKHT, V.G.,  
 doktor tekhn. nauk, prof., red.; PETROVA, V.L., red.;  
USENKO, L.A., tekhn. red.

[Mechanization of the repair and maintenance of normal and narrowgauge railroad tracks of industrial enterprises]  
 Mekhanizatsiia remonta i soderzhaniiia zhelezodorozhnykh putei normal'noi i uskoi kolei promyshlennykh predpriatii. Moskva, Vses. izdatel'sko-poligr. ob"edineniia M-va puti soobshcheniia, 1962. 63 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.225). (MIRA 15:5)

1. Nachal'nik sluzhby puti zavoda chernoy metallurg im. Dzerzhinskogo (for Belykh).  
 (Railroads, Industrial--Maintenance and repair)

ZAKATALOV, Ye.V., inzh.

Snow removal on industrial railroad tracks. Zhel.dor.transp.  
43 no.2:69-72 P '61. (MIRA 14:4)  
(Railroads, Industrial—Snow protection and removal)

ZAKATALOV, Ye.V., nauchnyy sotrudnik

Gas heating of switches. Put' i put.khoz. 7 no.4:25-26 '63.  
(MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo  
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(Railroads—Snow protection and removal) (Railroads—Switches)

ZAKATAIOV, Ye.V., inzh.

Over-all mechanization of track repair operations on  
industrial railroads. Zhel.dor.transp. 42 no.2:48-51 P '60.  
(MIRA 13:5)  
(Railroads, Industrial--Maintenance and repair)

ZAKATALOV, Ye.V., nauchnyy sotrudnik

Improve the pneumatic blower systems. Put' 1 put. khoz. 9  
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ZVEREV, N.B., inzh.; ZAKATALOVA, A.I., inzh.; BROMBERG, Ye.M.,  
kand. tekhn.nauk, red.; FILIPPOVA, L.S., red.;  
BOBROVA, Ye.N., tekhn. red.

[Experience in the use of a continuous rail track in the  
U.S.S.R.] Opyt primeneniia besstykovogo puti v SSSR. Moskva,  
Transzheldorizdat, 1963. 50 p. (MIRA 17:1)

FEDULOV, Vasilii Fedorovich; ANTONOV, Fedor Ivanovich; ZAKATALOVA,  
Aleksandra Iosifovna; ORLOVA, I.A., red.

[Characteristics of the maintenance of tracks with re-  
inforced concrete ties] Osobennosti soderzhanii puti s  
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(MIRA 17:10)

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SO: U-3042, 11 March 53, (Leteopis'nykh Statey, No. 10, 1949).

ZAKATISTOV, M.

19963 ZAKATISTOV, M. Rezervy snizheniya sevestoimosti produktsii zhivotnovodstva. Myas. industriya SSSR, 1949, No. 3, s. 60-62.

SO: LETOPIS ZHURNAL STATEY, VOL. 27, Moskva, 1949.